

ABSTRACT

The invention relates to encased monolithic sorbents based on porous mouldings, where the outer surface of said monolithic sorbent is surrounded in a liquid-impermeable manner by a pressure-resistant casing, for example of plastic. The casing according to the invention is in particular in the case of porous mouldings which have interconnected macropores and mesopores in the walls of the macropores, where the diameter of the macropores has a median value of greater than 0.1 μm and where the diameter of the mesopores has a median value of 2 to 100 nm. The invention furthermore relates to the use of a monolithic sorbent according to the invention in a chromatographic column or a chromatographic cartridge, and to the use of a monolithic sorbent according to the invention in the chromatographic separation of at least two substances.